Summary:

The invention provides a process for the determination of an actual value of a control variable set by an actuator in accordance with a theoretical value.

The process is thereby characterized in that, a partial value of an actual value set in accordance with a theoretical partial value consisting of a total of theoretical partial values is determined in dependence on the theoretical partial value in an actuator model formed with at least one parameter corresponding to the partial value, whereby the value of the parameter is determined by means of a deviation between the theoretical total value and a determined actual total value of the control variable.

It is suitable, in particular, for the determination of an actual value of a steering angle on steerable wheels of a vehicle, which can be used in a vehicle reference model of a driving dynamics adjustment.